

INDEXA

NET FREQUENCY
14.236 23:30Z



INDEXA

JUNE 1987

#11

PETER I ISLAND

UPDATE

The DX-pedition of the year or even the past several years has got to be 3Y1-EE/3Y2GV from Peter I Island which took place in January this year.

INDEXA played a large part in the planning, execution and QSLing of this new DXCC country. Photographs displayed here are interesting shots of the expedition.



PETER I DXPEDITION CAMPSITE ON THE ICE FLOE
(INDEXA-SUPPORTED)



EINAR/3Y1EE STARTING PORTABLE GENERATOR



3Y QSL MANAGER, ERLING/LA6VM AND XYL, ELSA,
GAVE UP CHRISTMAS HOLIDAY AND VACATION
TO DEVOTE TIME FOR THE OPERATION

USA CALL AREA CONTACTS

1 = 598	6 = 1528
2 = 928	7 = 545
3 = 497	8 = 723
4 = 1827	9 = 858
5 = 1006	Ø = 544

TOTAL USA = 9054

CONTACTS

TOTAL = 15841
SSB = 10090
CW = 5703
RTTY = 48

BAND CONTACTS

160 = 29	20 = 9307
80 = 587	15 = 4570
40 = 1189	10 = 159



"AURORA" AT DOCKSIDE IN OSLO -- OPERATORS MET THE SHIP
IN NEW ZEALAND FOR TRIP TO PETER I ISLAND



LA1EE/MM WITH INDEXA AMPLIFIER ENROUTE TO
PETER I ISLAND



EINAR/3Y1EE OPERATING CW ON PETER I ISLAND



LA2GV

LU1BR

LA1EE

KARE AND EINAR RECEIVED "NEW COUNTRY" AWARD PLATES
(SUPPLIED BY INDEXA) WHILE IN ARGENTINA VISITING
THE HOME OF LU1BR



KARE/3Y2GV OPERATING SSB ON PETER I ISLAND

FROM THE EDITOR'S DESK

THE INDEXA Board of Directors have approved two additional methods to become an INDEXA LIFE MEMBER.

1. OM/XYL LIFE MEMBERSHIP -- If both OM and XYL are licensed amateurs and reside in the same household, neither is required to have been members before. Both shall receive the newsletter. There will be no change in the membership certificate. When applying, please indicate OM/XYL LIFE with both members' names, address and calls.

OM/XYL LIFE MEMBERSHIP DUES: \$125.00 U.S. Dollars -- to be made in one (1) payment

2. LIFE MEMBERSHIP (By Payments) -- Four payments of \$25.00 U.S. Dollars must be received within one (1) year. A standard (not LIFE) certificate will be issued upon receipt of the first payment. The LIFE MEMBERSHIP certificate will be issued only after all four (4) payments have been received. The applicant will be required to make payments every three to four months. NO NOTICE will be mailed. If the full \$100.00 membership fee is not paid within one (1) year, the applicant will be given the number of years' membership for which he/she has paid.

NEW INDEXA SECRETARY AND MAILING ADDRESS -- Our new INDEXA secretary is ROBERT DENTON, KF4NO, in Charlotte, NC. Robert has been licensed since early 1983. He earned DXCC in 1986 and is now up to 285 countries. Robert has 158 zones toward 5BWAZ. With our new secretary comes a new mailing address:

INDEXA
P. O. Box 241345
Charlotte, NC 28224 USA



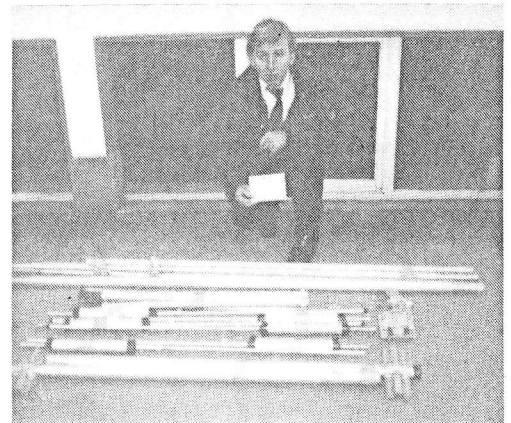
ROBERT/KF4NO

^{Bill}
Our sincere thanks go to James, NB5L, our outgoing INDEXA secretary. For personal reasons, ~~James~~ had to relinquish the position. We hope to continue hearing James on the INDEXA net frequency.

INDEXA RECOGNIZES



USCG ICE BREAKER "POLAR SEA"
SHIP OF BOB WINTERS/KD7P WHEN HE TRIED
TO APPROACH PETER I IN DECEMBER '86



DJ9ZB WITH INDEXA-DONATED TRI-BAND
ANTENNA PRIOR TO SHIPMENT TO
BERT/5A0A IN LIBYA

* * * U P D A T E S * * *

- **5A0A, LIBYA** -- HUBERT TRZASKA has received our tribander along with a donated XCVR and is doing a bang-up job, mostly on 21 SSB and 14 CW. Some 40-meter CW activity has also been reported. Per our request, Bert will attempt to arrange permission for himself or DJ9ZB to visit the university annually for at least a two-week operation since all donated equipment will remain there.
- **NEW HEBRIDES, YJ** -- Activated by RON WRIGHT, YJ0AMO, in early June.
- **FH4EC/FR/G, GLORIOSO** -- Any QSLs mailed to DANIEL in Mayotte will need to be sent again via F6FNU. All QSLs enroute to Daniel with the exception of 89 cards have been stolen. The thief is now in custody in France but the missing QSLs have not been recovered.
- **EP2RH, TEHRAN, IRAN** -- Has been reported on 14155 working mostly Europeans. QSL via Box 17855-151 in Tehran.
- **BY0AA, ZONE 23, CHINA** -- Remains active daily on 14025 at 00:30 GMT. QSL to Box 202, Wulumuqi, People's Republic of China (PRC).
- **BROWN SUGAR NET** -- On 14309 at 02:00 GMT continues to lure good DX such as VK0GC, H44, ZK1, ZL7, T32, VK9, 5W1, and many other Pacific stations.
- **HS0B, BANGKOK** -- Remains active on the weekends but no East Coast USA propagation on 80/40 meters.
- **A4X, OMAN** -- Three active stations from the Persian Gulf area are A4XKB, XKC, and XJT. They have been on 20 SSB between 01:00 - 04:00 GMT.
- **XU1SS, CAMBODIA** -- Reported to be active again on weekends around 14176 at 11:45 GMT.
- **FK0AU, NEW CALEDONIA** -- Should be on the air by now with INDEXA-supplied FT101E. PIERRE's home call in France is FD1MIZ.
- **FM5CL, MARTINIQUE** -- Has much bigger signal with new monobanders. MAURICE is now providing the net with help and bringing his French-speaking friends to the net frequency.
- **DL7FT/A, MT. ATHOS** -- FRANK's valid QSO dates are 28 June - 1 July, 1985, and 26 March - 26 April, 1986.
- **FRENCH QSL BUREAU (REF)** -- The French QSL Bureau move and restructure has caused a few problems. Thousands of QSLs were assumed lost when they moved 800 km from Paris and some cards coming out are reported to be 3-5 years old. ANTOINE, F6FNU, will remain associated with the bureau in order to receive QSLs. In an effort to speed up the outgoing cards, he will bulk-mail to the bureaus in other countries unless IRCs are received with an SASE for direct return.
- **FT8WA and FT8ZA** were both supplied with AMPS which greatly improve the changes of a contact for those still in need.

* * * * *

WHAT ABOUT SOLAR FLUX, A-INDEX & K-INDEX? (from the FRC and CDXA Newsletters)

When you listen to WWV at 18 minutes after the hour, do you wonder about the data that is reported and how to use it? NBS booklet #432 on NBS Time and Frequency tells what this data means, and how the indices are formulated. Much of the time and frequency chart data is published in the ARRL Handbook, but information on how the solar indices are figures is not generally published.

The SOLAR FLUX or first figure broadcast from WWV is a reading of flux units measured at 2800 MHZ (sun radiation) at local noon, 1700 UTC at the Alonquin Radio Observatory at Ottawa, Canada. Higher sunspot activity causes a rise in the flux figures. Example: a figure of over 200 gives generally good propagation up to 50 MHZ with good band openings. As the solar cycle decreases, the figures will drop to 100 or lower, and even 10 meters will not be open. (Ed. Note: See the ARRL Handbook for a chart relating the solar flux to smoothed sunspot numbers).

The A-INDEX (sometimes referred to as the Aurora Index) is derived from eight successive 3-hour K-indices and gives an indication of how disturbed the geomagnetic field (of the Earth) has been over a 24-hour period. This index is observed at a station in Fredricksburg, VA. Figures higher than 20-25 will generally indicate that an Aurora can be observed at some place in the world.

The K-INDEX is a quasi-logarithmic index of geomagnetic activity over a 3-hour period, and ranges from 0 (very quiet) to 9 (very disturbed). It is obtained by determining the maximum deviation from the quiet day curve of the most disturbed component of the geomagnetic field. The K-Index reported is that observed at the Boulder, Colorado station. It is possibly the most useful for a quick observation, especially when the index is changing and you wonder what the bands are doing.

Following the WWV figures has been most interesting on a daily basis, especially when solar flares occur and the geomagnetic field acts up immediately, followed by a storm level condition lasting 24 hours. VHFers can look for Aurora DX conditions by being acquainted with what to look for in these figures. The weekly propagation bulletins broadcast on Mondays from WIAW will also tell you what's happened and predictions of things to come. Why not use this free information to help your communications? For further information, or a copy of NBS special publication #432, contact:

National Bureau of Standards
Radio Station WWV
2000 East County Road 58
Fort Collins. CO 80524

Amp
Supply Co.

208 Snow Avenue, P.O. Box 147
Raleigh, NC 27602
(919) 821-5518

CLIP FOR RENEWING

International DX Association

Membership and Sponsor Membership Application

I agree with the Amateur Code of Ethics and I am willing to help others as I help myself...

Check One: New Member _____ Renewal _____ Sponsor _____ Member # _____

* You may sponsor a friend for membership, please give your call as Sponsor _____ and fill out the form for your friend.

Name _____ Call _____

Street _____ City _____

State _____ Country _____

Zip Code _____ Use separate paper for your comments.

Membership 1 year (\$10. US or 29 IRCs) _____

Sponsor Membership 1 year (\$10. US) _____

LIFE Membership (\$100. US or 290 IRCs) _____

'T' Shirt with logo, S-M-L-EL (\$8. US, \$9. DX) _____

Lapel pin, logo (\$5.) _____

Rubber stamp, logo (\$4.) _____

Donation _____

Please mail to: INDEXA TOTAL _____



KF4NO SECRETARY

P. O. BOX 241345

CHARLOTTE, NC 28224 USA

PLEASE REMEMBER TO SUPPORT THE INDEXA MANUFACTURERS/
SUPPLIERS WHEN THE NEED ARISES FOR ADDITIONAL QSLs,
RADIO EQUIPMENT, ETC.!

IT'S NOW EASIER TO CALL DOC'S
2 Locations for fast ordering and quick help



ICOM



YAESU



KENWOOD

And all your other favorite lines of Amateur gear
DOC'S COMMUNICATIONS

NEW 3401 South Blvd.
Charlotte, NC 28209

(704) 523-7003

702 Chickamauga Ave.
Rossville, GA 30741

(404) 866-2302

or 861-5610

QSLs

★ Reasonable prices

★ Quality printing

★ Fast service

100% GUARANTEED

QSLs By W4MPY

WAYNE CARROLL
705 AUDUBON CIRCLE
BELVEDERE, SC 29841 USA

*We have room for
more "future stuff"
here.*

MORE DX COMING ATTRACTIONS !!!

EQUATORIAL GUINEA, 3C -- Will be activated with planned DXpedition July 10-19. Licenses are already in hand. JACKIE, F6GXB, will have the call 3C1CW; TR8JLD will have the call 3C2A; and TR8CR will be 3C3CR. Note the new prefixes for the WPX hunters. 3C2A QSLs will be via AK1E.

TAIWAN, BV -- Will be DXpedition QTH of several JA operators in early June. Proposed call is BV0AE and QSLs are via JA1UT.

JUAN de NOVA, FR4ED/J -- Rumors exist that this station is now active.

BAKER-HOWLAND ISLAND, KH1 -- Rumors are strong for activity at this QTH in mid-summer.

ANDORRA, C3OLEF -- Is to be activated from June 20 - July 15 by KV4AM and WY4A. QSL via KV4AM.

* * * * *

QSLs DESTROYED -- Each year, QSL Bureaus have to destroy thousands of cards, many rare DX QSLs, because SASE's are never sent in by the DXers in the various areas. Support your QSL Bureau -- send SASE's and a "thank you" note to your letter handler.

NOTE TO MEMBERS

Mailing label indicates INDEXA membership expiration date. Please note your label and send in renewal dues promptly. Your dues help in expediting equipment for DXpeditions that might be a new one for you!

INDEXA BULLETIN THROUGH COURTESY OF

- K4MQG/KA4WUR, Editors
- WA9AVN, Printer

73'S AND GOOD DXING IN 1987!